

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chung-Hsiun Wu et al.                      Art Unit :  
Serial No. :    Examiner :  
Filed : Herewith  
Title : PRODUCTION OF RECOMBINANT PROTEINS IN VIVO AND USE FOR  
   GENERATING ANTIBODIES



Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 13062-004001.

Respectfully submitted,

Date: February 14, 2002

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| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>13062-004001 | Application No. |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Chung-Hsiun Wu et al.    |                 |
|  |  | Filing Date<br>Herewith               | Group Art Unit  |

| U.S. Patent Documents |           |               |            |                   |       |          |   |
|-----------------------|-----------|---------------|------------|-------------------|-------|----------|---|
| Examiner Initial      | Desig. ID | Patent Number | Issue Date | Patentee          | Class | Subclass | Filing Date If Appropriate  |
|                       | AA        | 5,541,087     | 07/30/1996 | Lo et al.         | 435   | 697      |  |
|                       | AB        | 5,703,055     | 12/30/1997 | Felgner et al.    | 514   | 44       |   |
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| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AF        | WO 00/29442     | 05/25/2000       | PCT                      |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
|---|-----------|---|
| Examiner Initial  | Desig. ID | Document  |
|   | AG        | Barry et al., "Production of Monoclonal Antibodies by Genetic Immunization," BIOTECHNIQUES, 16(4):616-619 (1994)  |
|   | AH        | Gregoriadis et al., "Liposome-mediated DNA vaccination," FEBS LETTERS, 402:107-110 (1997)   |
|   | AI        | He et al., "Intravenous Injection of Naked DNA Encoding Secreted flt3 Ligand Dramatically Increases the Number of Dendritic Cells and Natural Killer Cells <i>in Vivo</i> ," HUMAN GENE THERAPY, 11:547-554 (March 1, 2000) |
|   | AJ        | Liu et al., "Hydrodynamics-based transfection in animals by systemic administration of plasmid DNA," GENE THERAPY, 6:1258-1266 (1999)   |
|   | AK        | Swinbanks et al., "Taiwan backs experience in quest for biotech success," NATURE, 407:417-426 (September 21, 2000)  |
|   | AL        | Tang et al., "Genetic immunization is a simple method for eliciting an immune response," NATURE, 356:152-154 (March 12, 1992)   |
|   | AM        | Templeton et al., "Improved DNA: liposome complexes for increased systemic delivery and gene expression," NATURE BIOTECHNOLOGY, 15:647-652 (July 1997)  |
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|   | AO        | Zhang et al., "Long-term expression of human alpha1-antitrypsin gene in mouse liver achieved by intravenous administration of plasmid DNA using a hydrodynamics-based procedure," GENE THERAPY, 7:1344-1349 (2000)          |
|   | AP        | Zhou et al., "Protective immunization against melanoma by gp100 DNA-HVJ-liposome vaccine," GENE THERAPY, 6:1768-1773 (1999)   |

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|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |